

Docket: 34018/US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor:	Matthew P. Dugas	
Appln. No.:	10/791,675	
Filing Date:	March 2, 2004	Examiner: Unknown
Title:	<b>Stepped Time Based Servo Pattern and Head</b>	Group Art Unit: 2651

**FILING OF MISSING PARTS  
OF APPLICATION UNDER 37 CFR § 1.53(F)**

Mail Stop **MISSING PARTS**  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, Virginia 22313-1450

I hereby certify that this document is being sent via First Class U.S. mail addressed to: Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 19 day of November, 2004.

Thomas (new)

(Signature)

Dear Sir:

In response to the Notice To File Missing Parts of Application-Filing Date Granted, date mailed May 21, 2004, pursuant to 37 CFR § 1.53(f), the following documents are enclosed:

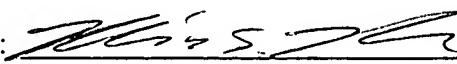
1. Required copy of the Notice to File Missing Parts of Application
2. Signed Declaration;
3. Copy of Petition to Correct Inventorship Pursuant to 37 C.F.R. § 1.48(f)(1);
4. Preliminary Amendment;
5. Power of Attorney
6. Submission under 37 C.F.R. 3.73 (b)
7. Copy of Assignment
8. Fee Transmittal

9. Petition for Extension of Time
10. Check for \$1363.00
11. Return Receipt Postcard.

Respectfully submitted,

**DORSEY & WHITNEY LLP**  
**Customer Number 25763**

Date: Nov. 19, 2004

By:   
Min (Amy) S. Xu, Reg. No. 39,536  
Intellectual Property Department  
Suite 1500  
50 South Sixth Street  
Minneapolis, MN 55402-1498  
(612) 752-7367

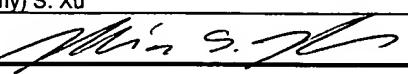


**APPLICATION  
FEE TRANSMITTAL SHEET  
(FY 2004)**

<i>Complete if Known</i>	
Application No.	10/791,675
Filing Date	March 2, 2004
First Named Inventor	Matthew P. Dugas
Group Art Unit	2651
Examiner Name	Unknown
Atty. Docket Number	34018/US

<b>METHOD OF PAYMENT (Check One)</b>			<b>FEE CALCULATION (Continued)</b>																												
<p>1. <input checked="" type="checkbox"/> The Director is hereby authorized to charge indicated fees and credit any over payments to:            Deposit Account No.: 04-1420            Deposit Account Name: DORSEY &amp; WHITNEY LLP</p> <p><input checked="" type="checkbox"/> Charge any additional fee required under 37 C.F.R. 1.16 and 1.17  <input checked="" type="checkbox"/> Applicant claims small entity status (see 37 C.F.R. 1.27)</p> <p>2. <input checked="" type="checkbox"/> Check Enclosed</p>			<b>3. ADDITIONAL FEES</b>																												
<b>FEE CALCULATION</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Large Entity Fee</th> <th style="text-align: left;">Small Entity Fee</th> <th style="text-align: left;">Fee Description</th> <th style="text-align: right;">Fee paid</th> </tr> </thead> <tbody> <tr> <td>160</td> <td>80</td> <td><input type="checkbox"/> Provisional Filing Fee</td> <td></td> </tr> <tr> <td>790</td> <td>395</td> <td><input checked="" type="checkbox"/> Utility Filing Fee</td> <td style="text-align: right;">\$395.00</td> </tr> <tr> <td>350</td> <td>175</td> <td><input type="checkbox"/> Design Filing Fee</td> <td></td> </tr> <tr> <td>790</td> <td>395</td> <td><input type="checkbox"/> Reissue Filing Fee</td> <td></td> </tr> <tr> <td colspan="2"></td> <td style="text-align: right;"><b>Subtotal (1)</b></td> <td style="text-align: right;"><b>\$395.00</b></td> </tr> </tbody> </table>			Large Entity Fee	Small Entity Fee	Fee Description	Fee paid	160	80	<input type="checkbox"/> Provisional Filing Fee		790	395	<input checked="" type="checkbox"/> Utility Filing Fee	\$395.00	350	175	<input type="checkbox"/> Design Filing Fee		790	395	<input type="checkbox"/> Reissue Filing Fee				<b>Subtotal (1)</b>	<b>\$395.00</b>					
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<b>2. EXTRA* CLAIM FEES</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Number Claims</th> <th style="text-align: left;">Prior</th> <th style="text-align: left;">Extra</th> <th style="text-align: left;">Fee from Below*</th> <th style="text-align: left;">Fee Paid</th> </tr> </thead> <tbody> <tr> <td>Total 23</td> <td>- 20</td> <td>= 3</td> <td>x \$9.00</td> <td style="text-align: right;">= \$27.00</td> </tr> <tr> <td>Indep. 7</td> <td>- 3</td> <td>= 4</td> <td>x \$44.00</td> <td style="text-align: right;">= \$176.00</td> </tr> <tr> <td>Multiple Dependent Claims</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="2"></td> <td></td> <td></td> <td style="text-align: right;"><b>Subtotal (2)</b></td> <td style="text-align: right;"><b>\$203.00</b></td> </tr> </tbody> </table>			Number Claims	Prior	Extra	Fee from Below*	Fee Paid	Total 23	- 20	= 3	x \$9.00	= \$27.00	Indep. 7	- 3	= 4	x \$44.00	= \$176.00	Multiple Dependent Claims									<b>Subtotal (2)</b>	<b>\$203.00</b>			
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*Calculation of Extra Claim Fees <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Large Entity Fee</th> <th style="text-align: left;">Small Entity Fee</th> <th style="text-align: left;">Fee Description</th> </tr> </thead> <tbody> <tr> <td>18</td> <td>9</td> <td>Claims in excess of 20</td> </tr> <tr> <td>88</td> <td>44</td> <td>Independent claims in excess of 3</td> </tr> <tr> <td>300</td> <td>150</td> <td>Multiple dependent Claim</td> </tr> <tr> <td>88</td> <td>44</td> <td>Reissue independent claims over original patent</td> </tr> <tr> <td>18</td> <td>9</td> <td>Reissue claims in excess of 20 and over original patent</td> </tr> </tbody> </table>			Large Entity Fee	Small Entity Fee	Fee Description	18	9	Claims in excess of 20	88	44	Independent claims in excess of 3	300	150	Multiple dependent Claim	88	44	Reissue independent claims over original patent	18	9	Reissue claims in excess of 20 and over original patent											
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			50	25	Surcharge - late provisional filing fee or cover sheet																										
			130	65	Surcharge - Late nonprovisional filing fee or oath																										
			180	180	Submission of IDS																										
			40	40	Recording each patent assignment per property (times number of properties)																										
			110	55	Extension for reply within first month																										
			430	215	Extension for reply within second month																										
			980	490	Extension for reply within third month																										
			1,530	765	Extension for reply within fourth month																										
			2,080	1,0405	Extension for reply within fifth month																										
			790	395	Submission After Final 1.129																										
			340	170	Notice of Appeal																										
			340	170	Filing a brief in support of an appeal																										
			300	150	Request for oral hearing																										
			110	55	Terminal Disclaimer Fee																										
			130	130	Petitions to the Commissioner																										
			50	50	Petitions related to provisional applications																										
			1,370	685	Utility/Reissue Issue Fee (including advance copies)																										
			490	245	Design Issue Fee (inc. advance copies)																										
			790	395	Request for Continued Examination (RCE)																										
			300	300	Publication fee for early, voluntary, or normal publication																										
			300	300	Publication fee for re-publication																										
			110	55	Petition to Revive - unavoidable																										
			1,370	685	Petition to Revive - unintentional																										
			<b>OTHER FEE (specify)</b>																												
			<b>Subtotal (3)</b>																												
			<b>\$765.00</b>																												
			<b>Total Amount of Payment:</b>																												
			<b>\$1363.00</b>																												

Submitted by:

CUSTOMER NUMBER <b>25763</b>	DORSEY & WHITNEY LLP	Intellectual Property Department Suite 1500, 50 South Sixth Street Minneapolis, MN 55402	
Name: Min (Amy) S. Xu		Phone No.: (612) 752-7367	Fax No.: (612) 340-8856
Signature: 		Reg. No.: 39,536	Date: Nov. 19, 2004



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

*I FW/*

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/791,675	03/02/2004	Matthew P. Dugas	34018/US

Devan V. Padmanabhan, Esq.  
 DORSEY & WHITNEY LLP  
 Intellectual Property Department  
 50 South Sixth Street, Suite 1500  
 Minneapolis, MN 55402-1498



CONFIRMATION NO. 2618  
 FORMALITIES LETTER

\*OC000000012735754\*

Date Mailed: 05/21/2004

**NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION**

**FILED UNDER 37 CFR 1.53(b)**

*Filing Date Granted*

**Items Required To Avoid Abandonment:**

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 385 to complete the basic filing fee for a small entity.*
- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

The applicant needs to satisfy supplemental fees problems indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Additional claim fees of **\$199** as a small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

**SUMMARY OF FEES DUE:**

Total additional fee(s) required for this application is **\$649** for a Small Entity

11/23/2004 BABRAHA1 00000056 10791675

• \$385 Statutory basic filing fee.	01 FC:2001	395.00	OP
• \$65 Late oath or declaration Surcharge.	02 FC:2202	27.00	OP
	03 FC:2201	176.00	OP

- Total additional claim fee(s) for this application is \$199

- \$172 for 4 independent claims over 3.
- \$27 for 3 total claims over 20.

Replies should be mailed to: Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

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*A copy of this notice **MUST** be returned with the reply.*

T.TU

Customer Service Center  
Initial Patent Examination Division (703) 308-1202  
PART 1 - ATTORNEY/APPLICANT COPY